

**Appendix 1: Examples of NEP Support for CWA Core Programs Identified in 2012 - 2015
PE Findings Letters (ongoing activities)**

Clean Water Act		
Core Programs	#of NEPs	Examples
Water Quality Monitoring (WQM)	16	<ul style="list-style-type: none"> • Funding monitoring of pollutants for fresh and marine surface water at the Department of Health Services in Suffolk County, New York. • Water sampling at 23 monitoring stations for 12 parameters. Data supports 305(b) / 303(d) reports that the Puerto Rico Environmental Quality Board submits to EPA. • Working with the Cumberland County Soil and Water Conservation District to reduce loadings of phosphorus and sediment in Highland Lake. • Assessing monitoring needs on nutrient issues. • Partnering with the Department of Environmental Quality in Oregon to address major pollutants of concern identified in the CCMP. • Establishing a shore zone fish community monitoring program that collects data on fish species and size from over 12 sites. • Acting as a hub for monitoring activities throughout the Galveston Bay. • Coordinating regional ambient water quality monitoring. Data was used to help developed the Numeric Nutrient Criteria for Southwest Florida. • Establishing an ambient water quality monitoring program on the New Jersey side of the harbor to complement the New York City program. • Collecting data on salinity, oxygen, and temperature through the volunteer monitoring program in Buzzards Bay. • Assisting pathogen source tracking resulting in improved conditions at bathing beaches. • Providing volunteer monitoring program data to the Department of Public Health and the Water Board in California. • Monitoring and evaluating legacy and emerging contaminants in sediment, surface water, and fish tissue. • Facilitating dialogue about measures to address nutrients loadings. • Tracking of declining contribution of point sources of nitrogen and monitoring for climate change.

		Participating in the Coastal Charlotte Harbor Monitoring Network, a system of over 100 volunteers sampling estuarine and tidal water within the NEP study area.
National Pollutant Discharge Elimination System (NPDES)/Stormwater	14	<ul style="list-style-type: none"> • Providing assistance on controlling stormwater and meeting MS4 permit requirements in towns, villages and other permittees. • Educating the public about appropriate use of storm sewage collection systems through the campaign called <i>Only Rain to the Stormwater</i>. • Developing stormwater systems such as Sebastian Stormwater Park. • Evaluating and monitoring diversion of stormwater to enhance habitat resulting in an increase in wetlands. • Exploring more effective ways to implement stormwater programs (e.g., retrofitting commercial properties to treat stormwater in Long Creek). • Funding efforts such as Jones River estuary and Kingston Bay Stormwater Assessment Project. • Continuing to demonstrate reasonable assurance progress towards the attainment of nitrogen loads to 189 point and nonpoint sources throughout the watershed. • Completing a <i>Low Impact Development Manual</i> that supports the Florida stormwater rule and finalizing stormwater retrofit projects in the Phillippi and Bowlees Creeks. • Publishing the manual <i>The Green Guide</i> that identifies approaches for reducing stormwater pollution. • Helping the County of Los Angeles to develop a stormwater fee to finance the development, operation, and maintenance of stormwater projects. • Educating Berlin residents about the importance of setting up a stormwater utility. • Mapping of all stormwater outfalls/outlets along 600 miles of shoreline. • Providing workshops on stormwater best management practices including maintenance of stormwater ponds. • Completing nine culvert replacement in Kitsap County resulting in the conversion of 176 acres of runoff to a higher level of water quality treatment.
Total Maximum Daily Loads (TMDLs)	7	<ul style="list-style-type: none"> • Supporting development of <i>TMDL Basin Management Action Plans</i> for the Indian River Lagoon. • Assessing overall implementation of nitrogen TMDL in Peconic Bay. • Funding nitrogen TMDL implementation and tracking progress of nitrogen load reductions in Long Island

		<p>Sound.</p> <ul style="list-style-type: none"> • Supporting development of nutrient TMDL for the Maryland Coastal Bays watershed. • Assisting in the development of bacteria TMDL and achieving reductions in bacteria loadings in Galveston Bay. • Implementing projects that help meet the trash, pathogen and metal TMDLs in Santa Monica Bay. • Helping the Massachusetts Estuaries project refine the results of its watershed-loading models in order to develop TMDL for Buzzards Bay embayment.
Nonpoint Source (NPS)	6	<ul style="list-style-type: none"> • Working with the City of Philadelphia's Water department to raise awareness about the causes of and ways to prevent nonpoint pollution in the Schuylkill and Delaware rivers like the "Spokedog" contests that encouraged dog owners to "scoop the poop". • Working with the Maryland State Legislature and Worcester County to make sure that the Maryland Coastal Bays were included in the Bay Restoration Fund, which provides funding for septic systems upgrades. During the review period removed 334 septic systems. • Providing technical assistance to the state's Healthy Lawns-Healthy Waters Initiative to reduce nutrient inputs from the developed landscape via better management of fertilizer. • Reducing erosion from rural roads in the upper watershed through the Morro Bay Watershed Road Erosion Prevention Project potentially keeping 15,500 cubic yards of sediment from entering Morro Bay. • Implementing the <i>D'Olive Bay Watershed Plan</i> that prevents severe erosion from threatening Alabama Department of Transportation's Highway 31. • Promoting green infrastructure and water conservation in San Francisco Bay.
Water Quality Standards (WQS)	3	<ul style="list-style-type: none"> • Setting water quality targets, including chlorophyll <i>a</i> and seagrass for Tampa Bay to demonstrate full aquatic life support and attain the designated use of the water body. • Developing proposals for Numeric Nutrient criteria pertaining to estuarine waters of Southwest Florida. • Providing data to help the Oregon Department of Environmental Quality apply narrative sediment criteria with the goal of establishing quantitative targets.
Sustainable Wastewater Infrastructure (SWI)	2	<ul style="list-style-type: none"> • Leveraging money in the townships of the Peconic study area from the Community Preservation Fund to secure loan interest loans from the SRF to acquire critical lands

		<p>for drinking water and surface protection.</p> <ul style="list-style-type: none"> • Helping prompt state legislation requiring a 50 percent reduction in nitrogen loads from major wastewater treatment plants thanks to Narragansett's NEP role in monitoring water quality.
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